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19. (Amended) An apparatus according to Claim 12, wherein said liquid control needle valve is provided with a rotational flow adjustment means.

22. (Amended) An apparatus according to Claim 12, wherein said liquid inlet comprises a pressurized material supply connector, and wherein said needle valve is supplied with a liquid by said pressurized material supply connector.

23. (Amended) an apparatus according to Claim 12, wherein said liquid inlet comprises a gravity feed liquid reservoir, and wherein said needle valve is supplied with a liquid by said gravity liquid reservoir.

24. (Amended) An apparatus according to Claim 10, further comprising a regulating valve and a pair of side jets, whereby the spray pattern of the outlet nozzle is regulated by said regulating valve, and said side jets are utilised to regulate said spray pattern.

28. (Amended) A method according to Claim 25, wherein the mixing of said liquid and said annular gas jet is controlled by a trigger valve mechanism on said spray apparatus.

REMARKS

Claims 1-34 are pending in the application. The claims have been amended to reduce dependencies to decrease the filing fee.

Respectfully submitted,

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APPENDIX A - "Marked-up" Versions of Amended Claims as Required Under
37 C.F.R. 1.121(c)(1)(ii)

3. (Amended) An apparatus according to [either] Claim 1 [or Claim 2], wherein said second passageway is substantially conical in shape.

4. (Amended) An apparatus according to Claim 1 [any preceding claims], wherein said second passageway includes an inlet and an outlet, wherein said second passageway is tapered from said inlet to said outlet.

6. (Amended) An apparatus according to [either] Claim 4 [or Claim 5], wherein said second passageway has a radius of curvature at said outlet so as to provide gas to the outlet nozzle in a substantially horizontal direction.

7. (Amended) An apparatus according to Claim 1 [any preceding claim], wherein said stepped portion of said second passageway comprises a ledge whose width tapers up to maximum of 10% of the radius of said second passageway at the level of the stepped portion.

11. (Amended) An apparatus according to Claim 10 [any preceding claim], further comprising a trigger means;

whereby said trigger means is adapted to operate both of said control valve and said gas valve.15. (Twice Amended) An apparatus according to either Claim 13 [or Claim 14], wherein said piston valve produces an annular air jet in said second passageway.

16. (Amended) An apparatus according to [any of Claims] Claim 13 [to 15], further comprising an air control valve stem which is connected to said piston valve and operated by said trigger means.

17. (Amended) An apparatus according to [any of Claims] Claim 13 [to 16], supplied with a liquid by said gravity liquid reservoir.

18. (Amended) an apparatus according to [any of Claims] Claim 12 [to 17], wherein the liquid control needle valve is controlled by said trigger means via an axially-sliding sleeve or slipper member situated on a rearward portion of said housing.

19. (Amended) An apparatus according to [any of Claims] Claim 12 [to 18], wherein said liquid control needle valve is provided with a rotational flow adjustment means.

22. (Amended) An apparatus according to [any of Claims] Claim 12 [to 21], wherein said liquid inlet comprises a pressurized material supply connector, and wherein said needle valve is supplied with a liquid by said pressurized material supply connector.

23. (Amended) an apparatus according to [any of Claims] Claim 12 [to 21], wherein said liquid inlet comprises a gravity feed liquid reservoir, and wherein said needle valve is supplied with a liquid by said gravity liquid reservoir.

28. (Amended) A method according to [any of Claims] Claim 25 [to 27], wherein the mixing of said liquid and said annular gas jet is controlled by a trigger valve mechanism on said spray apparatus.

24. (Amended) An apparatus according to Claim 10 [any preceding claim], further comprising a regulating valve and a pair of side jets, whereby the spray pattern of the outlet nozzle is regulated by said regulating valve, and said side jets are utilised to regulate said spray pattern.